## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

# **Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	11/02/2016 11/02/2016	Tariq Chechi

LM Start		Rating **	Α	Issue No.		9	
LM End		Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS La	atitud	le/Longitude		
Calegory						End	
Item		s & Maintena	nce		0		0
пеш	Manuals			0		0	
DWR ID DWR_NA0020_01_s _ 2013_9							
		Comn	nent Cod	de			
		Inspecto	or Comm	nent			
The LMA h	nas the O&	M manuals.					

No Photos

LM Start		Rating **	Α	Issue No.		10		
LM End		Issue Type +	Ma	Location *		WS		
Category	GPS Latitude/Longitude							
Calegory				Start End				
Emergency Supplies &				0		c		
Equipment					0		c	
DWR ID	DWR_NA0	020_01_s _ 201	3_10					
		Comn	nent Cod	de				
Inspector Comment								
The LMA h	nas adequa	ate flood fight	supplies	and equip	men	t.		

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	11/02/2016 11/02/2016	Tariq Chechi

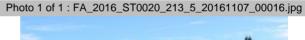
LM Ctt		Rating **	Α	Issue No.		11	
LM Start		rating	^	13306 110.		11	
LM End		Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Flood Preparedness & Training				0		0
пеш					0		0
DWR ID	DWR_NA0	020_01_s _ 201	3_11				
		Comn	nent Cod	le			
		Inspecto	or Comm	ent			
The LMA	The LMA completed flood fight training in 2016.						

No Photos

LM Start	0.00	Rating **	М	Issue No.	5	
LM End	0.12	Issue Type +	Ma	Location *	LS	
Category	evee	GPS La	atitud	le/Longitude		
Category				Start		End
Item	Vegetatio	n		39.1715	77°	39.171507°
пеш				-121.7600	19°	-121.757773°
DWR ID DWR_NA0020_01_s _ 2012_5						
Comment Code						
V1 · Contr	ol appual c	arace and woo	de on th	a lavaa ala	200	and

V1 : Control annual grass and weeds on the levee slopes and easements.

## Inspector Comment





View of the vegetation along the landside toe.

Photo 1 of 1: FA\_2016\_ST0020\_213\_7\_20161107\_00017.jpg

LM Start	0.00	Rating **	М	Issue No.	7	
LM End	0.28	Issue Type +	Ma	Location *	CR	
Category	evee	GPS La	GPS Latitude/Longitude			
Category				Start		End
Item	Vegetatio	n		39.1715	77°	39.171475°
item	item				19°	-121.754852°
DWR ID	DWR ID DWR_NA0020_01_s _ 2012_7					
		C		l a		

#### Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

## Inspector Comment

Vegetation along the levee crown and waterside slope.



View of the vegetation along the levee crown and waterside.

+ Issue Type \* Location Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side A : Acceptable M : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

# **Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	11/02/2016 11/02/2016	Tariq Chechi

LM Start	0.43	Rating **	М	Issue No.		14
LM End	0.43	Issue Type +	Ма	Location *		WS
Catagoria Earthen Levee				GPS L	atitud	e/Longitude
Category				Start		End
Item	Encroachments				22°	39.171422°
item				-121.751978°		-121.751978°
DWR ID DWR_ST0020_01_f _ 2016_14						
		Comn	nent Cod	de		
TR : Tree	or limb					
			_			
		Inspecto	or Comn	nent		
Remove th	e tree limb	from the wat	erside.			

Photo 1 of 1 : FA\_2016\_ST0020\_213\_14\_20161107\_00018.jpg

View of a fallen limb.

LM Start	0.51	Rating **	M	Issue No.	25	
LM End	0.83	Issue Type +	Ma	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory		Start		End		
Item	n Trees	39.1713	92°	39.171317°		
item				-121.7504	78°	-121.744545 °
DWR ID	DWR_ST00	020_01_f _ 2016	6_25			
		Comn	nent Cod	de		
T2: Thin to	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.
		Inspecto	or Comm	nent		

Olleanders are partially blocking visibility and access.

No Photos

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

# **Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	11/02/2016 11/02/2016	Tariq Chechi

LM Start	0.62	Rating **	U	Issue No.		4
LM End	0.65	Issue Type +	Ma	Location *		WS
Category Earthen Levee				GPS La	atituc	le/Longitude
Category				Start		End
Item	Erosion / Bank Caving					39.171232°
item				-121.748868 °		-121.748175°
DWR ID DWR_NA0020_01_s _ 2012_4						
		Comn	nent Cod	de		
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.
		Inspecto	or Comm	nent		
Repair the	erosion al	ong the concr	ete ditch	١.		

Ма

Issue No.

Location \*

4 (cont)

WS

Rating \*\*

Issue Type +

LM Start

LM End

0.62

0.65

Photo 1 of 2 : FA_2016_ST0020_213_4	_20160823_00005.jpg
PIIOLO TO I 2 . T A _ 2010 _ 310020 _ 213 _ 4	_20100023_000003;pg
	11/06/2015
	NAME OF TAXABLE PARTY.

View the erosion along the concrete ditch.

Photo 2 of 2: FA\_2016\_ST0020\_213\_4\_20161107\_00020.jpg



Another view the erosion along the concrete ditch.

LM Start	1.11	Rating **	М	Issue No.		18
LM End	1.28	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Trim / Thi	n Trees		39.1712	283°	39.171243°
item				-121.739315 °		-121.736312°
DWR ID	DWR_ST0	020_01_f _ 2010	5_18			·
		Comn	nent Cod	de		
T1: Trim t	rees to at l	east five feet	above g	round level		
Inspector Comment						



View of the trees blocking visibility.

+ Issue Type Location Ma: Maintenance Deficiancy LS: Land Side N/A: Not Applicable A : Acceptable M : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence A/W : Acceptable but Monitor & Maintain U : Unacceptable En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

# **Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	11/02/2016 11/02/2016	Tariq Chechi

LM Start	1.33	Rating **	M	Issue No.		22	
LM End	1.33	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Erosion / I	Bank Caving		39.1712	18°	39.171218°	
item				-121.735258°		-121.735258 °	
DWR ID DWR_ST0020_01_f _ 2016_22							
		Comn	nent Cod	de			
E1: Note	and monito	or erosion site	-				
			0	1			
Inspector Comment							



View of the erosion along the bank.

LM Start	1.36	Rating **	М	Issue No.		24		
LM End	1.36	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitude				
				Start		End		
Item	Erosion / Bank Caving			39.171220°		39.171220°		
item				-121.734730°		-121.734730°		
DWR ID	DWR ID DWR_ST0020_01_f _ 2016_24							
Comment Code								
E1 : Note and monitor erosion site.								

Inspector Comment

# Photo 1 of 1 : FA\_2016\_ST0020\_213\_24\_20161107\_00027.jpg



View of the erosion along the bank.

Photo 1 of 2: FA\_2016\_ST0020\_213\_6\_20160823\_00007.jpg

LM Start	1.65	Rating **	U	Issue No.		6		
LM End	1.65	Issue Type +	Ma	Location *		WS		
Category	nannels &	GPS La	atitud	le/Longitude				
Category	Designated Floodways					End		
Item	Erosion /	39.1711	32°	39.171132°				
пеш			-121.7293	12°	-121.729312 °			
DWR ID	DWR ID DWR_NA0020_01_s _ 2012_6							
Comment Code								

Inspector Comment

Sutter Yard needs to repair the erosion before winter.



Repair the erosion along the waterside slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

# **Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	11/02/2016 11/02/2016	Tariq Chechi

LM Start	1.65	Rating **	U	Issue No.		6 (cont)	
LM End	1.65	Issue Type +	Ма	Location *		WS	
Category	Rivers, Ch			GPS La	atituc	le/Longitude	
Calegory	Designate	d Floodways		Start		End	
Item	Erosion / Bank Caving			39.1711	32°	39.171132°	
item				-121.729312 °		-121.729312 °	
DWR ID DWR_NA0020_01_s _ 2012_6							
		Comn	nent Cod	de			
			_				
Inspector Comment							
Sutter Yard needs to repair the erosion before winter.							



Repair the erosion along the waterside slope.

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

# **Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	11/02/2016 11/02/2016	Tariq Chechi

LM Start	0.00	Rating **	М	Issue No.		11	
LM End	0.26	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS L	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		39.1711	16°	39.171101°	
пеш				-121.726501 °		-121.721857°	
DWR ID DWR_NA0020_02_s _ 2012_11							
		Comn	nent Cod	de			
V1 : Contreasements		grass and wee	eds on th	e levee slo	pes	and	
		Inspecto	or Comm	nent			
						-	



View of the annual grass along the landside slope.

LM Start	0.03	Rating **	М	Issue No.		24	
LM End	0.25	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetation			39.1711	52°	39.171160°	
пеш	item				37°	-121.721673°	
DWR ID DWR_ST0020_02_f _ 2016_24							
Comment Code							
V1 : Control annual grass and weeds on the levee slopes and easements.							
Inspector Comment							



View of the annual grass along the waterside slope.

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

# **Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	11/02/2016 11/02/2016	Tariq Chechi

LM Start	0.29	Rating **	М	Issue No.		31			
LM End	0.29	Issue Type +	Ma	Location *		WS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Trim / Thi	n Trees		39.1710	08°	39.171008°			
пеш	item					-121.721025°			
DWR ID DWR_ST0020_02_f _ 2016_31									
		Comn	nent Cod	de					
T1 : Trim t	rees to at	least five feet	above g	round level					
Inspector Comment									



View of the overgrown trees blocking visibility and access.

LM Start	0.53	Rating **	М	Issue No.		28			
LM End	0.53	Issue Type +	Ma	Location *		WS			
Category	Earthen Levee				atitud	e/Longitude			
Calegory				Start		End			
Encroachments			39.1710	28°	39.171028°				
item				-121.716475°		-121.716475°			
DWR ID	DWR ID DWR_ST0020_02_s _ 2016_28								
		Comn	nent Cod	de					
DE : Debri	S								
Inspector Comment									
Tires and tree clippings on w/s crown.									



View of the tires along the waterside berm.

LM Start	0.55	Rating **	М	Issue No.		2
LM End	1.42	Issue Type +	Ma	Location *	LS	
Category Earthen Levee				GPS La	titud	e/Longitude
Category				Start		End
Item	Vegetatio	n		39.17100	)2 °	39.170770°
пеш				-121.71629	3°	-121.699987°
DWR ID DWR_NA0020_02_s _ 2012_2						
		0		l a		

#### Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

## Inspector Comment

Remove the vegetation from both slopes.



View of the vegetation on both slopes.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

# **Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	11/02/2016 11/02/2016	Tariq Chechi

LM Start	0.65	Rating **	М	Issue No.		29				
LM End	0.65	Issue Type +	Ma	Location *		LS				
Category	Earthen L	evee		GPS La	atitud	e/Longitude				
Calegory						End				
Item	Encroach	ments		39.1710	33°	39.171033°				
item				-121.714398°		-121.714398°				
DWR ID	DWR ID DWR_ST0020_02_s _ 2016_29									
		Comn	nent Cod	de						
DE : Debri	s									
	Inspector Comment									
Mattress and tree clippings on landside.										

No Photos

LM Start	1.43	Rating **	М	Issue No.		3			
LM End	1.52	Issue Type +	Ma	Location *		LS			
Cotogony	evee	GPS La	atitud	e/Longitude					
Category				Start		End			
Item	Encroachi	ments		39.1707	82°	39.170865°			
пеш				-121.700167°		-121.698165°			
DWR ID	DWR ID DWR_NA0020_02_s _ 2012_3								
	Comment Code								
DE : Debri	S								
				1					
		Inspecto	or Comm	ient					
Remove the broken concrete.									

LM Start	1.43	Rating **	М	Issue No.	3 (cont)
LM End	1.52	Issue Type +	Ma	Location *	LS



View of the piles of broken concrete.

Photo 2 of 2: FA\_2016\_ST0020\_214\_3\_20160823\_00004.jpg



View of the pile of broken concrete.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

# **Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	11/02/2016 11/02/2016	Tariq Chechi

LM Start	1.54	Rating **	М	Issue No.		4		
LM End	2.01	Issue Type +	Ma	Location *		WS		
Category	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End		
Item	Erosion / I	Bank Caving		39.1708	00°	39.170732°		
item				-121.6981	05°	-121.689082 °		
DWR ID DWR_NA0020_02_s _ 2012_4								
Comment Code								
E1 : Note a	and monito	or erosion site						
		Inspecto	or Comm	nent				
Monitor the erosion along the waterside slope.								

Į						
ı				I		
	LM Start	1.54	Rating **	M	Issue No.	4 (cont)
ı						(,
- 1	LMCsal	2.04	Issue Type +	Ma	Location *	WC

# Photo 1 of 2 : FA\_2016\_ST0020\_214\_4\_20160823\_00005.jpg

View of the erosion along the waterside slope.

Photo 2 of 2: FA\_2016\_ST0020\_214\_4\_20160823\_00006.jpg



View of the erosion along the waterside slope.

LM Start	2.11	Rating **	М	Issue No.		6	
LM End	2.36	Issue Type +	Ma	Location *		LS	
Cotogony	Earthen Levee			GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetation			39.170515°		39.170518°	
пеш				-121.6873	42 °	-121.682658°	
DWR ID DWR_ST0020_02_f _ 2016_6							
Comment Code							
V1 : Control annual grass and weeds on the levee slopes and easements.							
Inspector Comment							



View of the annual grass along the landside slope blocking visibility.

* Location	** Rating		+ Issue Type	
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy	
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	
TI I D I 00 0040 45 00				D 4 65

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

# **Sutter Maintenance Yard East-West Interceptor**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	11/02/2016 11/02/2016	Tariq Chechi

1.14.04	2.71	Rating **	М	Issue No.		10	
LM Start	2.71	Rating	IVI	issue ivo.		10	
LM End	2.71	Issue Type +	Ma	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longitude			
Category				Start		End	
Item	Encroachments			39.170548°		39.170548°	
пеш				-121.6759	70°	-121.675970°	
DWR ID DWR_NA0020_02_s _ 2012_10							
Comment Code							
MA: Material							
Inspector Comment							
Remove the lumber, garbage and equipment from the landside toe.							



View of the material, garbage, and equipment along the landside toe